

APPROVED	O.G. FIG.	
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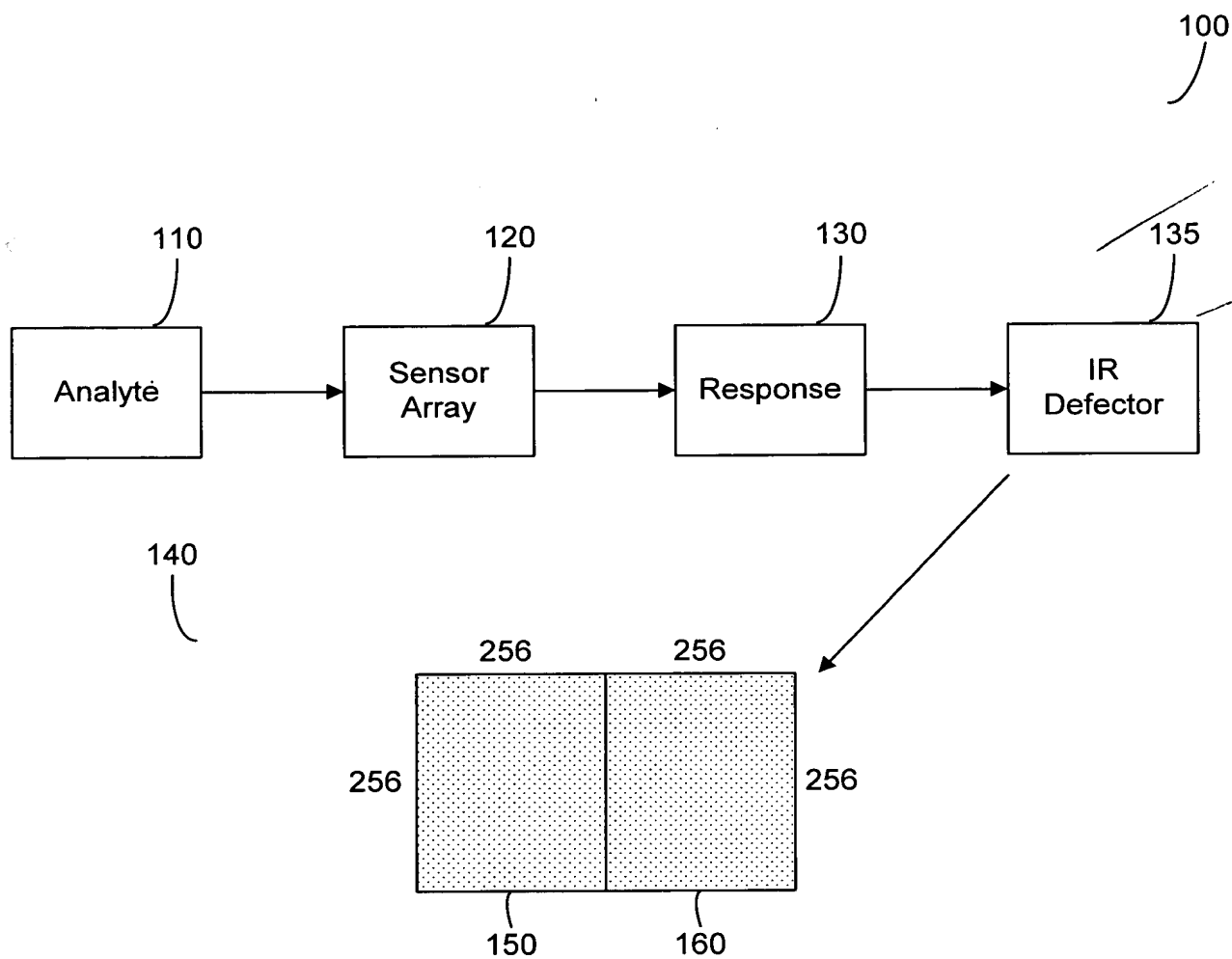
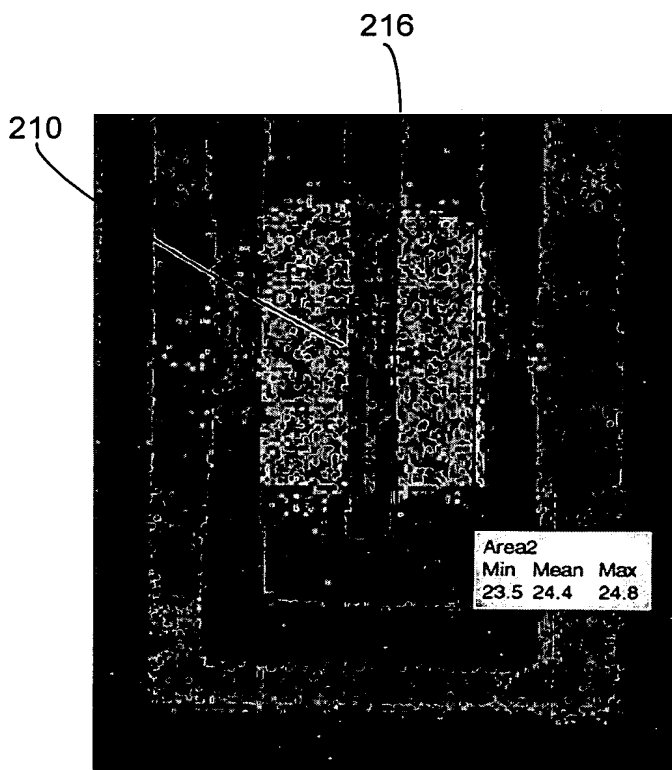


FIG. 1

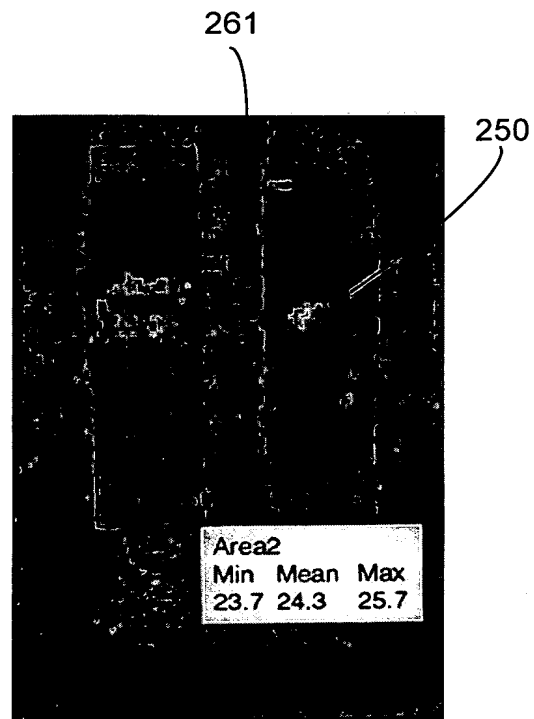
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200



Uniform distribution of conducting paths



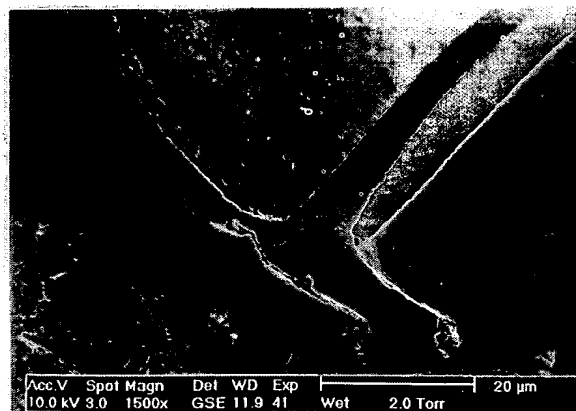
Non-uniform distribution of conducting paths

FIG. 2

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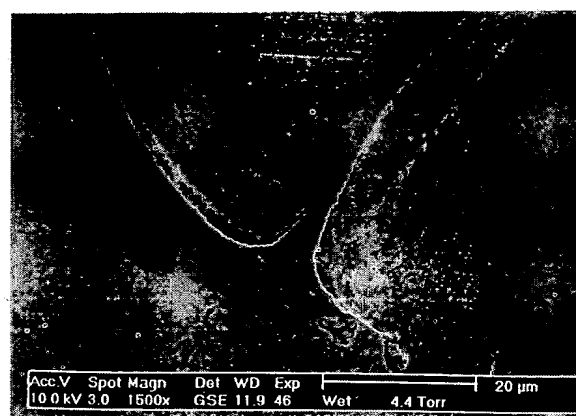
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300



310

before exposure to analyte



330

after exposure to analyte

FIG. 3

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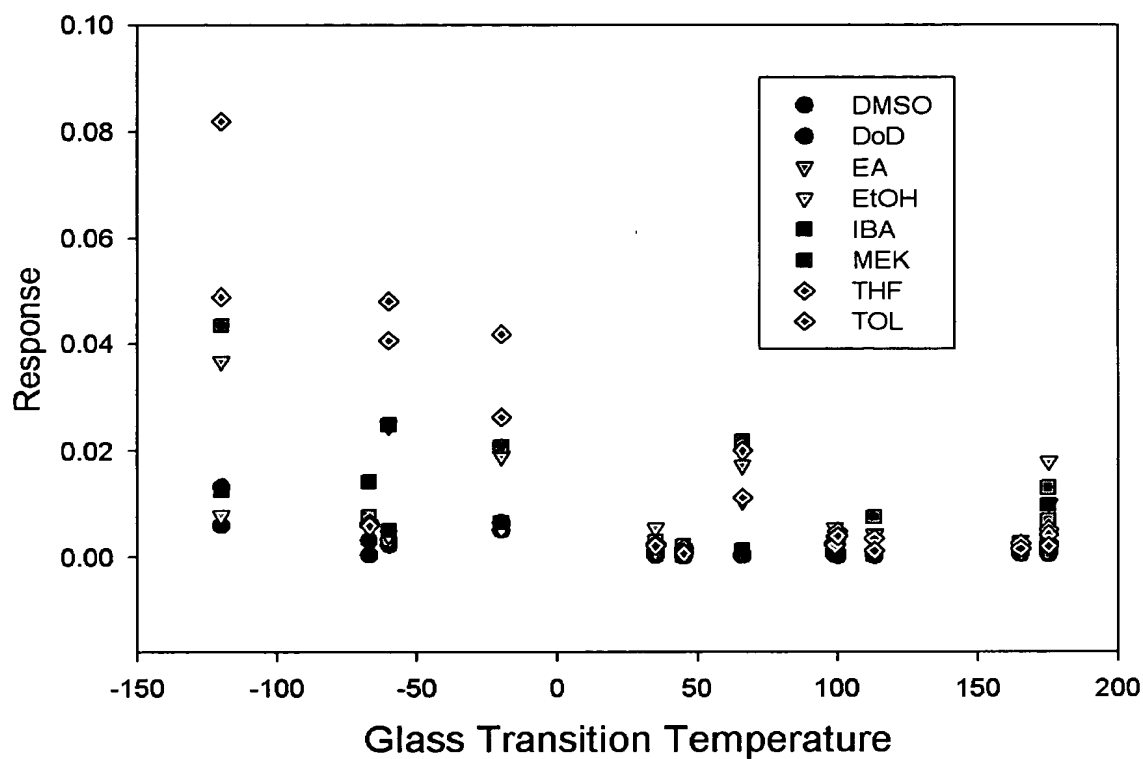


FIG. 4

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500

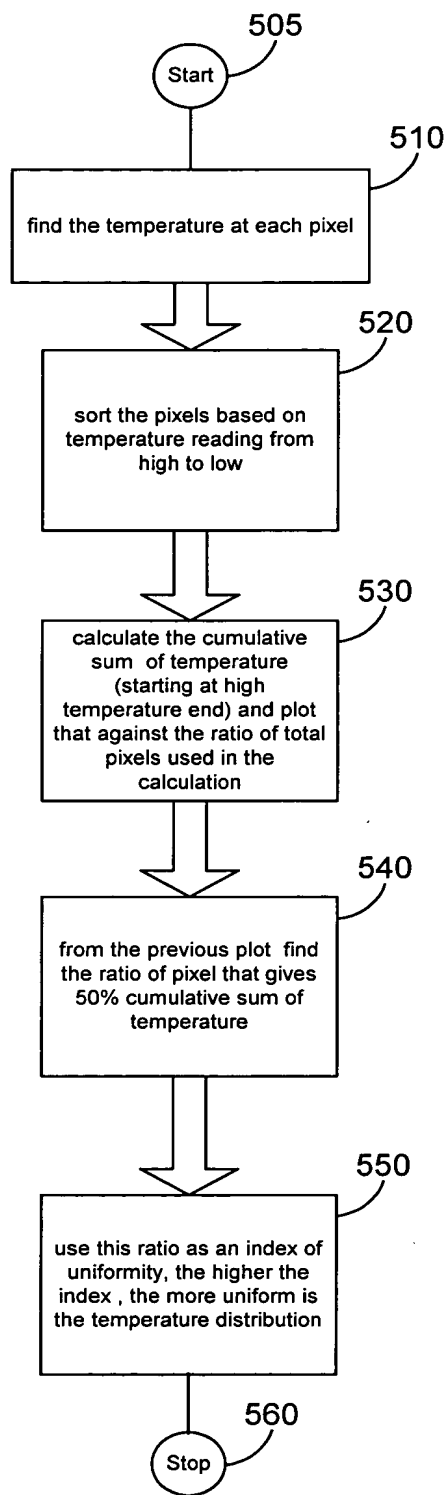


FIG. 5

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600

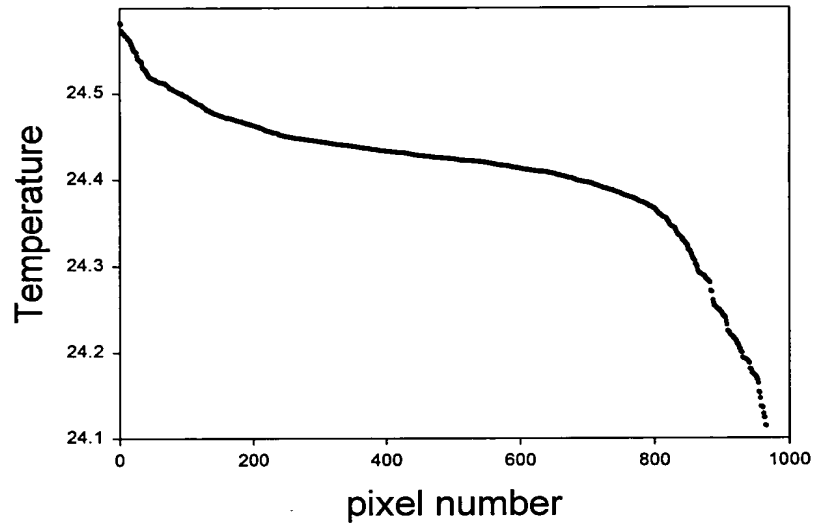


FIG. 6A

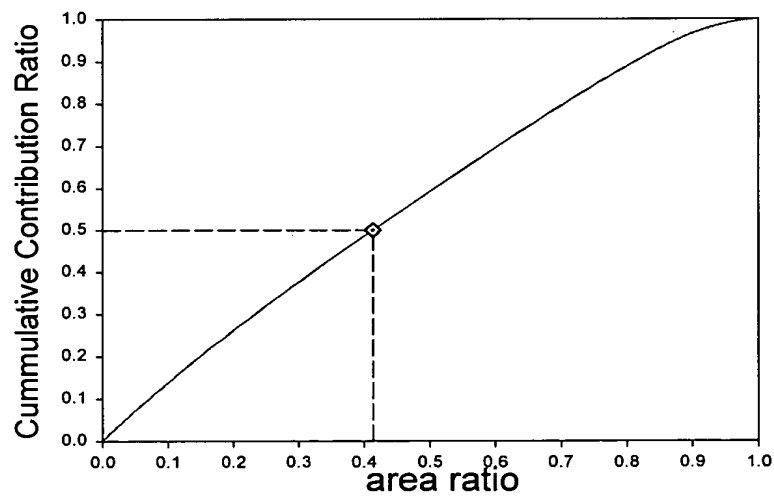


FIG. 6B

APPROVED	O.G. FIG.	
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700

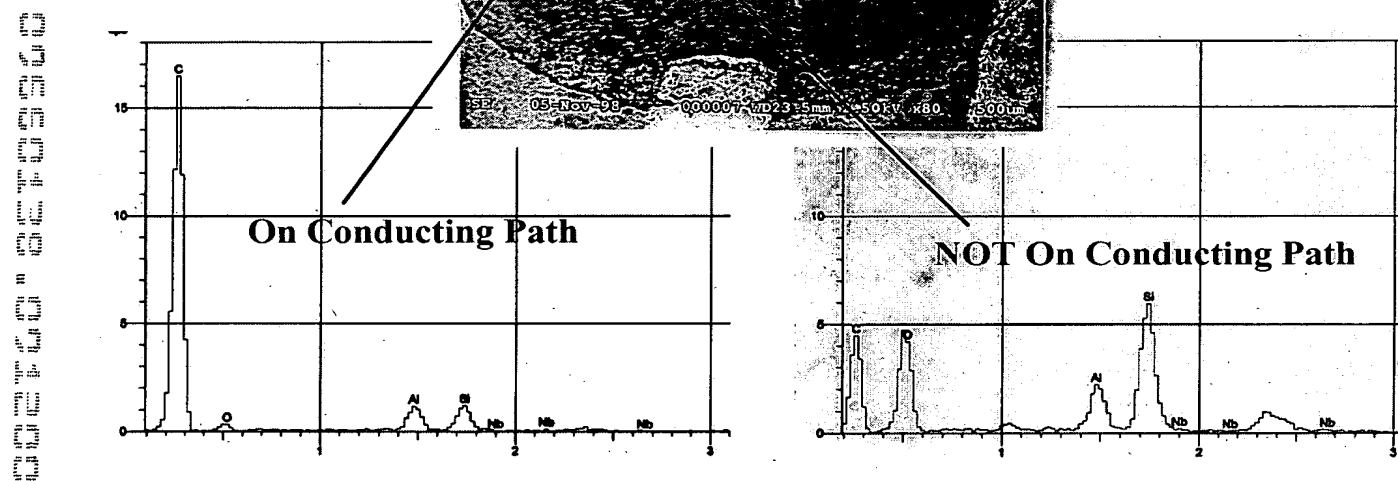


FIG. 7

APPROVED	O.G. FIG.	
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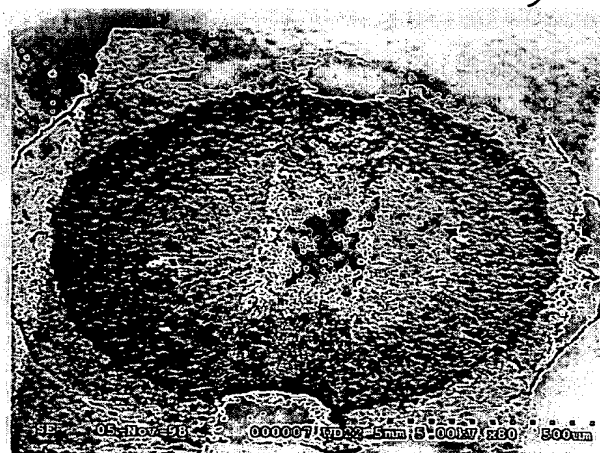
800

810



Low KeV

820



High KeV

FIG. 8